

**B. AMENDMENTS TO THE SPECIFICATION**

Please replace paragraph of Applicant's specification with the following amended paragraph:

[0009] The present invention is directed to a precise and rapid method and system for registering 2D x-ray images with images that have been reconstructed from 3D scan data. A hierarchical ~~hierarchial~~ and iterative framework for the registration algorithm permits a higher accuracy to be achieved, in both the translational and rotational adjustments. The total computation time is about an order of magnitude faster than other techniques existing in the prior art.